

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008309

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N27/414

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 0113, no. 73 (P-643), 5 December 1987 (1987-12-05) & JP 62 144062 A (FUJI ELECTRIC CO LTD), 27 June 1987 (1987-06-27) abstract</p> <p style="text-align: center;">----- -/--</p>	<p>1-7, 10, 11</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

1 December 2004

Date of mailing of the international search report

05/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BURGMAIR M ET AL: "Contribution of the gate insulator surface to work function measurements with a gas sensitive FET" PROCEEDINGS OF IEEE SENSORS 2002. ORLANDO, FL, JUNE 12 - 14, 2002, IEEE INTERNATIONAL CONFERENCE ON SENSORS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 2. CONF. 1, 12 June 2002 (2002-06-12), pages 439-442, XP010605133 ISBN: 0-7803-7454-1	1-7,10, 11
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Y	DE 101 18 367 A (MICRONAS GMBH) 24 October 2002 (2002-10-24) the whole document	1-8,10, 11
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Y	PATENT ABSTRACTS OF JAPAN vol. 0062, no. 62 (P-164), 21 December 1982 (1982-12-21) & JP 57 156553 A (TOKYO SHIBAURA DENKI KK), 27 September 1982 (1982-09-27) abstract	8
Y	US 5 900 128 A (KRESS REINHARD ET AL) 4 May 1999 (1999-05-04) column 3, line 7 - column 4, line 32; figures 1,3	9
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	GERGINTSCHEW Z ET AL: "The capacitively controlled field effect transistor (CCFET) as a new low power gas sensor" SENSORS AND ACTUATORS B, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 36, no. 1, October 1996 (1996-10), pages 285-289, XP004061082 ISSN: 0925-4005 the whole document	1-11
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Information on patent family members

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